SAT Maths Course Outline

1. Introduction
- ✧ Welcome and Overview
- ✧ Importance of SAT Math Section
- ✧ Test Format and Structure

2. Content Overview

A. Algebra
- ✧ Equations and Inequalities
- ✧ Functions and Graphs
- ✧ Polynomials and Factoring

B. Geometry
- ✧ Lines and Angles
- ✧ Triangles and Quadrilaterals
- ✧ Circles and Conic Sections

C. Trigonometry
- ✧ Trigonometric Ratios
- ✧ Right Triangles and Trigonometric Functions
- ✧ Applications of Trigonometry

D. Data Analysis
- ✧ Graph Interpretation
- ✧ Statistics and Probability
- ✧ Data Representation and Analysis

3. Test-Taking Strategies
- ✧ Time Management Techniques
- ✧ Approaching Multiple-Choice Questions
- ✧ Strategies for Grid-In Questions
- ✧ Effective Use of Calculator
- ✧ Plugging in Numbers

4. Problem-Solving Techniques
- ✧ Back solving Method
- ✧ Estimation and Rounding
- ✧ Logical Reasoning and Eliminating Answer Choices

5. Practice Tests and Review
- ✧ Administering Practice SAT Math Sections
- ✧ Analyzing Practice Test Results
- ✧ Reviewing Incorrect Answers and Understanding Mistakes

6. Customized Review
- ✧ Identifying Weak Areas
- ✧ Addressing Specific Difficulties
- ✧ Tailored Practice for Improvement

7. Test-Taking Tips
- ✧ A. Staying Calm and Focused
- ✧ B. Managing Test Anxiety
- ✧ C. Reviewing Strategies for the Day of the Test

8. Homework and Practice
- ✧ Assigning Math Practice Problems
- ✧ Monitoring Progress with Homework

9. Progress Assessment
- ✧ Periodic Quizzes and Check-ins
- ✧ Tracking Improvement Over Time

10. Final Review and Confidence Boosting
- ✧ Recap of Key Concepts and Strategies
- ✧ Reinforcing Test-Taking Confidence
- ✧ Encouragement for Success in the SAT Math Section